

# SCHEDULE OF QUANTITIES – PHILO

SHEET 6 OF 6

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808	*	**	715	54
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
• (205,57,105)RS-2 ** CHAMPAIGN & DOUGLAS				

## EARTHWORK

STATION	TO	STATION	20200100					EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
			EARTH EXCAVATION (CU YD)	SUITABLE MATERIAL (CU YD)	UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD)	EMBANKMENT (CU YD)	
RT. 2285+00.00	TO	RT. 2301+10.00	272.0	204.0	68.0	153.0	271.0	-118.0
RT. 2301+50.00	TO	RT. 2305+25.00	99.0	37.0	62.0	28.0	25.0	3.0
RT. 2305+65.00	TO	RT. 2309+30.00	99.0	93.0	6.0	70.0	11.0	59.0
LT. 2285+00.00	TO	LT. 2310+00.00	575.0	549.0	26.0	412.0	456.0	-44.0
RT. 1+33.00	TO	RT. 1+73.00	6.0	6.0	0.0	4.0	0.0	4.0
LT. 1+33.00	TO	LT. 1+73.00	6.0	6.0	0.0	4.0	1.0	3.0
RT. 2+33.00	TO	RT. 2+73.00	4.0	4.0	0.0	3.0	1.0	2.0
LT. 2+33.00	TO	LT. 2+73.00	5.0	5.0	0.0	4.0	1.0	3.0
RT. 3+23.00	TO	RT. 3+60.00	9.0	9.0	0.0	7.0	0.0	7.0
SURPLUS / STORM SEWER OPERATIONS =				1064.0	270.0	798.0	0.0	798.0
TOTAL =			1075.0	1977.0	432.0	1483.0	766.0	717.0
			(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
20200100			EARTH EXCAVATION =		1075.0	CU YD		
			SHRINKAGE FACTOR =		25.00%			

### NOTES:

- THIS SCHEDULE INCLUDES ONLY THE EARTHWORK FOR THE CURB & GUTTER SECTION IN PHILO. SEE THE RURAL SCHEDULE OF QUANTITIES FOR CALCULATIONS OUTSIDE THE CURB & GUTTER LIMITS.
- EARTHWORK PLACED BEHIND THE CURB & GUTTER RETURNS ON ALL ENTRANCES SHALL BE SHAPED AROUND THE RADIUS AND SLOPE TOWARDS THE ROADSIDE DITCH. THE INTENT IS TO SHAPE THE EARTHWORK TO CREATE UNIFORM SLOPES AROUND THE RADIUS. GRADING AND SHAPING MAY NEED TO BE DONE BY HAND IN THIS AREA AND AS SPECIFIED IN GENERAL NOTE - 202.
- EARTH EXCAVATION REQUIRED FOR THE STORM SEWER STRUCTURES AND STORM SEWER PIPE IS INCLUDED WITH THEIR RESPECTIVE PAY ITEMS. THE QUANTITIES LISTED FOR SUITABLE AND UNSUITABLE MATERIAL ARE ESTIMATES OF EXCAVATION MATERIAL RESULTING FROM STORM SEWER OPERATIONS. THE SUITABLE MATERIAL CAN BE USED FOR EMBANKMENT AND THE UNSUITABLE MATERIAL WILL NEED TO BE DISPOSED OF. THE REMAINING BALANCE OF EARTHWORK CAN BE USED IN THE RURAL SECTION OF CHAMPAIGN COUNTY IF ADDITIONAL EMBANKMENT MATERIAL IS REQUIRED.
- THE UNSUITABLE MATERIAL SHALL BE DISPOSED OF ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE CONSIDERED AS PART OF THE EARTH EXCAVATION OPERATIONS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## SEEDING, FERTILIZER, AND MULCH

STATION	TO	STATION	LOCATION	25000100	25000400	25000500	25000600	25100115
				SEEDING, CLASS 1 (SQ FT)	NITROGEN (LB)	PHOSPHORUS (LB)	POTASSIUM (LB)	MULCH (SQ FT)
RT. 2285+00.00	TO	RT. 2310+00.00	IL RTE. 130	47620.00	98.39	98.39	98.39	47620.00
LT. 2285+00.00	TO	LT. 2310+00.00	IL RTE. 130	45866.00	94.76	94.76	94.76	45866.00
RT. 1+33.00	TO	RT. 1+73.00	VAN BUREN ST.	701.00	1.45	1.45	1.45	701.00
LT. 1+33.00	TO	LT. 1+73.00	VAN BUREN ST.	695.00	1.44	1.44	1.44	695.00
RT. 2+33.00	TO	RT. 2+73.00	JEFFERSON ST.	595.00	1.23	1.23	1.23	595.00
LT. 2+33.00	TO	LT. 2+73.00	JEFFERSON ST.	588.00	1.21	1.21	1.21	588.00
RT. 3+23.00	TO	RT. 3+60.00	MADISON ST.	802.00	1.66	1.66	1.66	802.00
TOTAL =				96867.00	200.14	200.14	200.14	96867.00
USE =				2.25	200.00	200.00	200.00	2.25
				(ACRE)	(LB)	(LB)	(LB)	(ACRE)

## 28000300 TEMPORARY DITCH CHECKS

STATION	OFFSET (FT)	QUANTITY (EACH)
2285+00.00	34.00 LT.	1.00
2285+75.00	26.00 RT.	1.00
2287+00.00	34.00 LT.	1.00
2288+00.00	33.00 LT.	1.00
2289+00.00	31.00 LT.	1.00
2290+00.00	30.50 LT.	1.00
2291+25.00	27.00 LT.	1.00
2293+50.00	25.00 RT.	1.00
2293+75.00	23.50 LT.	1.00
2295+50.00	24.00 LT.	1.00
2296+50.00	24.00 LT.	1.00
2298+20.00	25.00 LT.	1.00
2301+10.00	73.00 RT.	1.00
2302+00.00	25.00 RT.	1.00
2304+00.00	25.00 RT.	1.00
2305+80.00	28.00 LT.	1.00
2306+75.00	25.00 RT.	1.00
TOTAL =		17.00 EACH

## 28000500 INLET AND PIPE PROTECTION

STATION	OFFSET (FT)	QUANTITY (EACH)
2286+09.00	34.00 LT.	1.00
2287+20.00	26.00 RT.	1.00
2288+00.00	26.50 RT.	1.00
2289+00.00	29.00 RT.	1.00
2290+60.00	26.00 RT.	1.00
2294+66.00	27.00 RT.	1.00
2294+66.00	24.00 LT.	1.00
2296+00.00	28.50 RT.	1.00
2297+20.00	30.00 RT.	1.00
2297+20.00	25.00 LT.	1.00
2298+25.00	30.00 RT.	1.00
2299+20.00	29.00 RT.	1.00
2299+20.00	25.00 LT.	1.00
2299+50.00	29.00 RT.	1.00
2300+80.00	27.00 RT.	1.00
2300+80.00	25.00 LT.	1.00
2302+70.00	24.50 RT.	1.00
2303+00.00	23.00 LT.	1.00
2303+15.00	23.00 RT.	1.00
2304+60.00	25.00 RT.	1.00
2304+60.00	25.00 LT.	1.00
2305+00.00	26.00 RT.	1.00
2305+85.00	27.00 RT.	1.00
2306+15.00	25.00 RT.	1.00
2308+55.00	27.00 RT.	1.00
2309+19.81	58.61 RT.	1.00
TOTAL =		26.00 EACH

## 25000350 SEEDING, CLASS 7

SEEDING, CLASS 7 IS CALCULATED FOR THE SAME AREA AS SEEDING, CLASS 1

TOTAL = 96867.00 SQ FT  
USE = 2.25 ACRE

## 28000250 TEMPORARY EROSION CONTROL SEEDING

APPLICATION RATE = 100 LB / ACRE  
TEMPORARY EROSION CONTROL SEEDING IS CALCULATED FOR THE SAME AREA AS SEEDING, CLASS 1

TOTAL = 225.00 LB

ILLINOIS DEPARTMENT OF TRANSPORTATION

### EARTHWORK & EROSION CONTROL SCHEDULE - PHILO

SCALE: NOT TO SCALE  
DATE: 06/26/09

DRAWN BY: B.B.P.  
CHECKED BY: G.A.E.